

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q90885

Yoshimasa TANAKA, et al.

Appln. No.: 10/553,802

Group Art Unit: 3742

Confirmation No.: 6084

Examiner: Philip H. Leung

Filed: August 15, 2006

For: INDUCTION HEATING COIL FOR SHAFT MEMBER HAVING MULTIPLE STEPS  
AND HEATING METHOD

**RESPONSE UNDER 37 C.F.R. § 1.111**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated December 15, 2006, please consider the remarks  
as submitted herewith on the accompanying pages.

**REMARKS**

Claims 1-8 are all the claims pending in the application.

Of these claims, claims 1 and 4 are in independent form with claims 2, 3, and 7  
depending from claim 1 and claims 5, 6 and 8 depending from claim 4. The Examiner has  
indicated that dependent claims 2, 5, 7 and 8 contain allowable subject matter. However, the  
remaining claims 1, 3, 4 and 6 have been rejected under § 103(a) as being obvious over Seulln, et  
al. (U.S. Patent No. 3,596,037) in view of JP 2002-47515 (JP '515). Applicants traverse this  
rejection based on the following.